

ELCert-04-480E
PO4CP 07949

FEDERAL EMERGENCY MANAGEMENT AGENCY
NATIONAL FLOOD INSURANCE PROGRAM

O.M.B. No. 3067-0077
Expires December 31, 2005

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1 - 7.

SECTION A - PROPERTY OWNER INFORMATION			For Insurance Company Use:
BUILDING OWNER'S NAME Richmond American Homes			Policy Number
BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO. 8422 W. AVECENNA STREET			Company NAIC Number
CITY Tucson	STATE AZ	ZIP CODE	85736
PROPERTY DESCRIPTION (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Lot 108 of Sonoran Ranch Estates, Book 57, Page 91			
BUILDING USE (e.g., Residential, Non-residential, Addition, Accessory, etc. Use a Comments area, if necessary.) Residential Site - Built Single Family Residence			
LATITUDE/LONGITUDE (OPTIONAL) (##°-##'-###.###" or ###.#####")		HORIZONTAL DATUM: <input type="checkbox"/> NAD 1927 <input type="checkbox"/> NAD 1983	SOURCE: <input type="checkbox"/> GPS (Type): _____ <input type="checkbox"/> USGS Quad Map <input type="checkbox"/> Other: _____

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP COMMUNITY NAME & COMMUNITY NUMBER 04019		B2. COUNTY NAME Pima County		B3. STATE AZ	
B4. MAP AND PANEL NUMBER 04019C2200	B5. SUFFIX K	B6. FIRM INDEX DATE 2/8/99	B7. FIRM PANEL EFFECTIVE/REVISED DATE 2/8/99	B8. FLOOD ZONE(S) A	B9. BASE FLOOD ELEVATION(S) (Zone AO, use depth of flooding) 2469.9

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in B9.
 FIS Profile FIRM Community Determined Other (Describe): _____

B11. Indicate the elevation datum used for the BFE in B9: NGVD 1929 NAVD 1988 Other (Describe): _____

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? Yes No Designation Date _____

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: Construction Drawings* Building Under Construction* Finished Construction
 *A new Elevation Certificate will be required when construction of the building is complete.

C2. Building Diagram Number (Select the building diagram most similar to the building for which this certificate is being completed - see pages 6 and 7. If no diagram accurately represents the building, provide a sketch or photograph.) (1)

C3. Elevations - Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO
 Complete items C3.-a-i below according to the building diagram specified in item C2. State the datum used. If the datum is different from the datum used for the BFE in Section B, convert the datum to that used for the BFE. Show field measurements and datum conversion calculation. Use the space provided or the Comments area of Section D or Section G, as appropriate, to document the datum conversion.
 Datum _____ Conversion/Comments _____ N/A

Elevation reference mark used _____ Does the elevation reference mark used appear on the FIRM? Yes No

- o a) Top of bottom floor (including basement or enclosure) 2472.53 ft.(m)
- o b) Top of next higher floor N/A ft.(m)
- o c) Bottom of lowest horizontal structural member (V zones only) N/A ft.(m)
- o d) Attached garage (top of slab) N/A ft.(m)
- o e) Lowest elevation of machinery and/or equipment servicing the building (Describe in a Comments area) N/A ft.(m)
- o f) Lowest adjacent (finished) grade (LAG) N/A ft.(m)
- o g) Highest adjacent (finished) grade (HAG) 2471.30 ft.(m)
- o h) No. of permanent openings (flood vents) within 1 ft. above adjacent grade N/A
- o i) Total area of all permanent openings (flood vents) in C3.h _____ sq. in. (sq. cm) N/A



SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information.
 I certify that the information in Sections A, B, and C on this certificate represents my best efforts to interpret the data available.
 I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.

CERTIFIER'S NAME: Daniel D. Lucero
 LICENSE NUMBER: AZ RLS No. 31025

TITLE: Survey Manager
 COMPANY NAME: Castro Engineering Corp.

ADDRESS: 3580 W. Ina Road, Ste. 200
 CITY: Tucson STATE: AZ ZIP CODE: 85741

SIGNATURE: [Signature] DATE: 09/17/04 TELEPHONE: (520) 293-2550

IMPORTANT: In these spaces, copy the corresponding information from Section A.			For Insurance Company Use:
BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO. 8422 W. <u>Avecenna Street</u>			Policy Number
CITY Tucson	STATE AZ	ZIP CODE 85736	Company NAIC Number

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

COMMENTS Elevation shown in Section "C" is based on NAVD88, Datum. A Hydrology study was done and a Base Flood Elevation for Lot 108 was established as 2469.90. This elevation can be seen on the Sonoran Ranch Estates Grading Plan, P1203-058 G2003-090. The approved LOMR dated 1/6/04, Case No. 03-09-1332R. An approved LOMR is forthcoming

Check here if attachments

SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zone AO and Zone A (without BFE), complete Items E1 through E4. If the Elevation Certificate is intended for use as supporting information for a LOMA or LOMR-F, Section C must be completed.

- E1. Building Diagram Number ___ (Select the building diagram most similar to the building for which this certificate is being completed – see pages 6 and 7. If no diagram accurately represents the building, provide a sketch or photograph.)
- E2. The top of the bottom floor (including basement or enclosure) of the building is ___ ft.(m) ___ in.(cm) above or below (check one) the highest adjacent grade. (Use natural grade, if available).
- E3. For Building Diagrams 6-8 with openings (see page 7), the next higher floor or elevated floor (elevation b) of the building is ___ ft.(m) ___ in.(cm) above the highest adjacent grade. Complete items C3.h and C3.i on front of form.
- E4. The top of the platform of machinery and/or equipment servicing the building is ___ ft.(m) ___ in.(cm) above or below (check one) the highest adjacent grade. (Use natural grade, if available).
- E5. For Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance?
 Yes No Unknown. The local official must certify this information in Section G.

SECTION F - PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, C (Items C3.h and C3.i only), and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. *The statements in Sections A, B, C, and E are correct to the best of my knowledge.*

PROPERTY OWNER'S OR OWNER'S AUTHORIZED REPRESENTATIVE'S NAME			
ADDRESS	CITY	STATE	ZIP CODE
SIGNATURE	DATE	TELEPHONE	
COMMENTS			

Check here if attachments

SECTION G - COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below.

- G1. The information in Section C was taken from other documentation that has been signed and embossed by a licensed surveyor, engineer, or architect who is authorized by state or local law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)
- G2. A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.
- G3. The following information (Items G4-G9) is provided for community floodplain management purposes.

G4. PERMIT NUMBER	G5. DATE PERMIT ISSUED	G6. DATE CERTIFICATE OF COMPLIANCE/OCCUPANCY ISSUED
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G7. This permit has been issued for: New Construction Substantial Improvement

G8. Elevation of as-built lowest floor (including basement) of the building is: _____ ft.(m) Datum: _____

G9. BFE or (in Zone AO) depth of flooding at the building site is: _____ ft.(m) Datum: _____

LOCAL OFFICIAL'S NAME	TITLE
COMMUNITY NAME	TELEPHONE
SIGNATURE	DATE
COMMENTS	

Check here if attachments